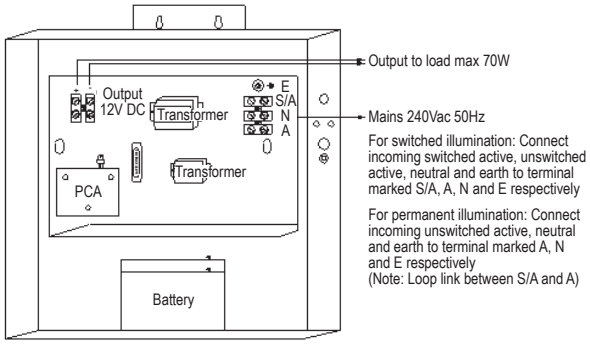
PS702M: *12V maintained unit designed to be used remotely to provide escape lighting for large areas or to provide backup supply for the lighting up of difficult or hostile environments. The maximum load limit is 35W if used in a lift. The maximum load can be 70W if using as backup supply to comply with AS/NZS2293.*



6. Lamp operation:
   Maintained: Once powered up, in a maintained fitting the normal AC lamp (if present) should light up and stay on until the power supply to the unit fails. The emergency function of the unit should only operate when the unswitched active power supply fails or when somebody presses the manual test button located on the fitting.
   Non-maintained: Once powered up, in a non-maintained fitting the present lamp stays off. The emergency function of the unit should only operate when the unswitched active power supply fails or when somebody presses the manual test button located on the fitting.

TO REMOVE INSTALLED UNIT

Switch off the mains supplies to the unit. Remove the fuse from fuse holder and then unscrew the mounting screws of the unit. When the unit is reconnected to the supply, it will need time to recharge its battery before it will be capable of a full length discharge again.

CONSTRUCTION SITES

Continuously switching on and off the mains supply to the fittings during the installation process (due to building works or for some other reason), could cause the fittings to discharge and charge their batteries many times over a short period which may shorten the life of the battery. Thomas & Betts does not recommend such practices and may not honour any warranty on the life of the batteries or the lamp when subjected to such harsh operating conditions. In order to prevent damage to the battery, leave the unswitched active circuit turned off at the circuit breaker, until the emergency lighting is required on the site.

TROUBLE SHOOTING GUIDE

If you've installed and connected the unit as per the instructions listed earlier and it doesn't work properly, use the following table as a guide to fixing the problem. Look up the type of fault in the left column and check the possible causes from the right column.

#	Fault	Possible Causes
1	Red LED not lit (only applicable where used)	AC supply not connected; or AC supply turned off; or Battery not connected; or Fuse missing; or Test switch damaged
2	Red LED is lit (only applicable where used) but lamp doesn't come on when test switch is pressed	Lamp damaged; or Battery pack damaged; or Test switch damaged
3	Lamp is lit momentarily when test switch is pressed; or When mains fail	Battery not fully charged (allow up to 24 hours); or Battery pack damaged

If the unit still doesn't work after checking these possible causes, contact Thomas & Betts Service in Australia on 1300 666 595, Monday to Friday, 8.30am to 4.30pm (AEST) and ask for help. Our trained service personnel will usually be able to take your call immediately and assist you in resolving your difficulty. Thomas & Betts is committed to providing valuable Through-Life Support for its products.

Complete Solutions in Emergency Lighting STANILITE

Doc No: 29-01072

Thomas&Betts
A Member of the ABB Group

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Remote Power Supply Unit Installation Manual

Contents
Electrical Safety Warning
Installation Instructions
Wiring Connections
Removal Method
Trouble Shooting Guide
Warranty Information (Included)

GREETINGS

Congratulations on choosing to use this Thomas & Betts product covered by our unique Through-Life Support system. This document is designed to assist you during the installation of the product, to ensure the safety of yourself and others.
The Remote Power Supply Unit is designed to be installed quickly and easily however, **Thomas & Betts recommends that you read this document thoroughly before commencing installation.** This device has been manufactured to provide trouble free operation for many years, when treated with due care and maintained through regular and appropriate servicing.

SAFETY WARNING

In Australia and New Zealand, only licensed electricians are permitted by law to work with 240 Volt electrical installations.
Do not attempt to install or connect this product unless you are a licensed electrician.
Turn off and isolate the electrical supply before connecting this fitting to the building wires.
Do not touch the terminals of the terminal block when the light fitting is energised.
The only user serviceable parts are the lamp and battery pack.
Do not tamper with the fitting or the warranty will be void.
As the installer, it is your responsibility to ensure compliance with all relevant building and safety codes, (ie: AS3000, AS/NZS2293). Refer to the applicable standards for data and mains cabling installation procedures and requirements.

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INSTALLATION INSTRUCTIONS

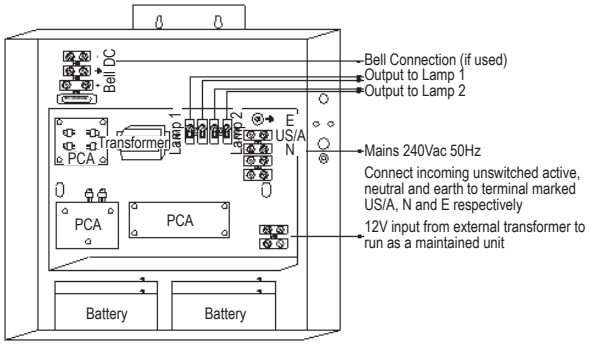
To install the emergency backup power supplies, follow these steps:

1. Remove the unit from the packing box and inspect it for damage or imperfections. If any damage is found, do not install, replace it carefully into the packing box and notify the Thomas & Betts Product Support Hotline in Australia on 1300 666 595.
2. If all looks okay proceed with the installation, use a pencil to mark the position of the mounting screw holes for the unit.
3. Depending on the wiring configuration, determine the cable entry or exit and remove the appropriate cable knockout(s).
4. Secure the unit to the wall/ceiling using appropriate fixings (not supplied) depending on the type of building construction material used.

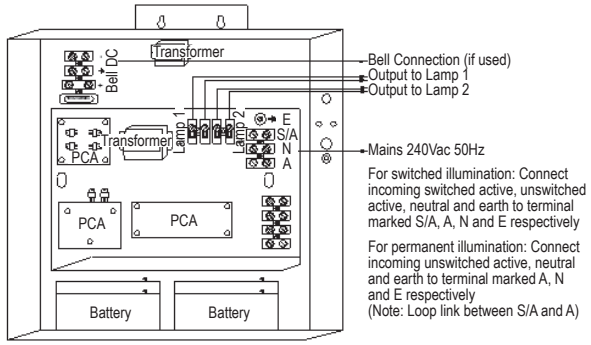
WIRING CONNECTIONS

5. Following below are the wiring connections of various models of remote power supplies. Ensure that the stripped wire ends are completely inserted into the terminal block and no bare conductors are exposed to the metal. Place the fuse into fuse holder before connecting unit to mains (fuse is placed inside the box and normally secure with the tape).

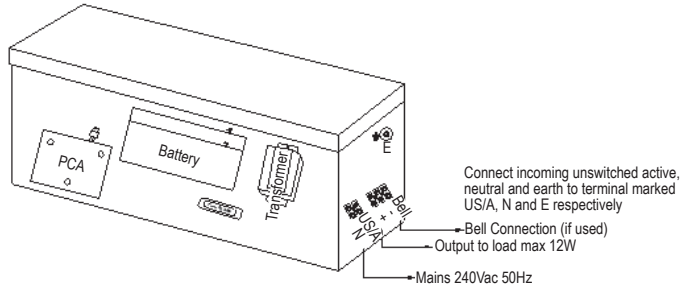
PS504: *12V non-maintained unit specifically designed for lift to run 2x50 watt down lights. The output power on emergency is 50% of the rated power.*



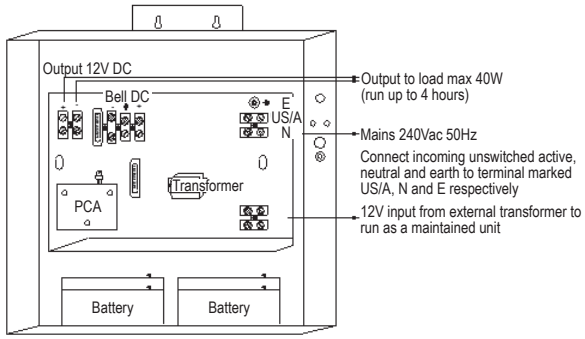
PS504M: *12V maintained unit specifically designed for lift to run 2x50 watt down lights. The output power on emergency is 50% of the rated power.*



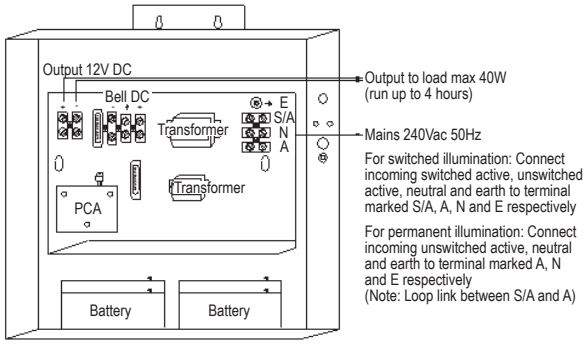
PS124: *12V non-maintained unit designed for lift but can also be used remotely to provide escape lighting for large areas or to provide backup supply for the lighting up of difficult or hostile environments. The maximum load limit is 12W if used in a lift. The maximum load can be 24W if using as backup supply to comply with AS/NZS2293.*



PS404-NB: *12V non-maintained unit designed for lift but can also be used remotely to provide escape lighting for large areas or to provide backup supply for the lighting up of difficult or hostile environments. The maximum load limit is 40W if used in a lift. The maximum load can be 80W if using as backup supply to comply with AS/NZS2293.*



PS404M: *12V maintained unit specifically designed for lift to run 2x20 watt down lights.*



PS702-NB: *12V non-maintained unit designed to be used remotely to provide escape lighting for large areas or to provide backup supply for the lighting up of difficult or hostile environments. The maximum load limit is 35W if used in a lift. The maximum load can be 70W if using as backup supply to comply with AS/NZS2293.*